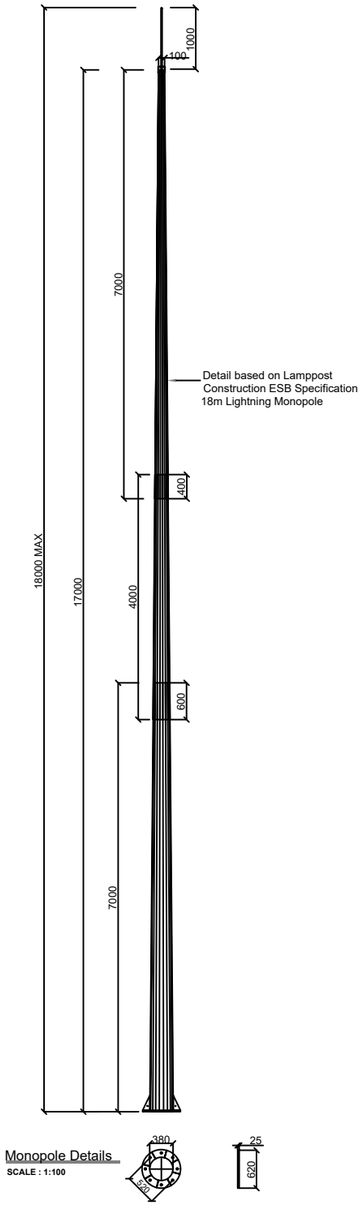
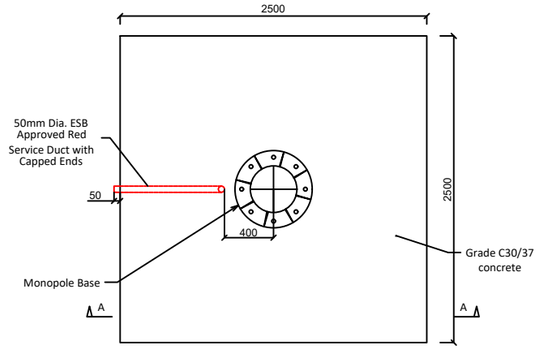
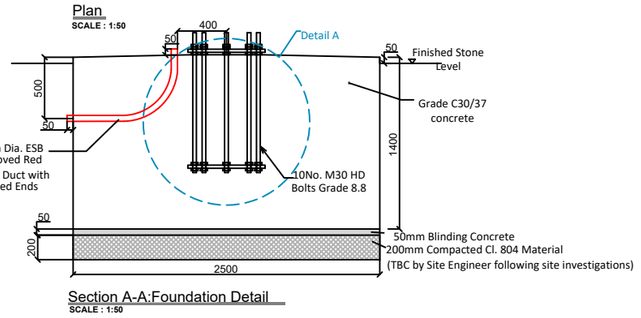


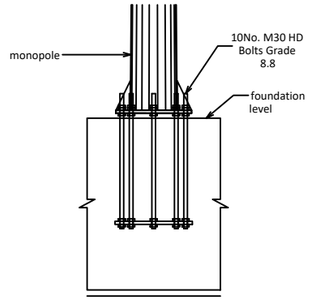
Monopole Details
SCALE : 1:100



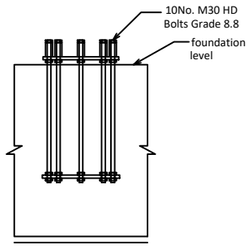
Plan
SCALE : 1:50



Section A-A:Foundation Detail
SCALE : 1:50



Monopole Base Plate
to HDB Connection
SCALE : 1:50



Detail A
SCALE : 1:50

GENERAL NOTES:

1. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL ENGINEERING DRAWINGS.
2. ALL CONCRETE TO BE IN ACCORDANCE WITH I.S. EN 206-1:2002 WITH THE MIX DESIGNS SHOWN IN TABLE 1.
3. CONCRETE FINISHES TO BE IN ACCORDANCE WITH TABLE 6.1 OF THE ESBI SPECIFICATION CS17-SO1-005
4. ALL REINFORCEMENT SHALL BE IN ACCORDANCE WITH BS4449 AND SCHEDULED IN ACCORDANCE WITH BS.8666
5. REFER TO THE RELEVANT EARTH GRID DRAWING PRIOR TO EXCAVATIONS & CONCRETE POURS

FOUNDATION NOTES:

1. GROUND TO HAVE A MINIMUM BEARING CAPACITY OF 100 kN/M²
2. THE SITE ENGINEER IS TO INSPECT THE FORMATION LEVEL AND FOUNDATIONS PRIOR TO ANY CONCRETE POURS.
3. ALL FOUNDATIONS ARE TO BE BLINDED IMMEDIATELY AFTER EXCAVATION WITH 50MM OF C16/20 CONCRETE.
4. REFER TO THE RELEVANT EARTHWORKS DRAWINGS BEFORE ANY EXCAVATION OR CONCRETE POURS.

Notes

All dimensions in millimeters unless otherwise noted.

Do not scale from drawings, use figured dimensions only.

Drawings are for planning only and should not be used for detailed design. The detailed design will be subject to EirGrid approval based on their latest specifications at the time, and equipment dimensions/siting may vary once the exact specification are determined

Legend

Revisions

REV	DATE	DESCRIPTION
0	13.10.25	Issued for Planning

Drawn By:	RH
Approved By:	MMC

Summary

Project

Drumdowney Substation & Grid Connection

Location

Rathpatrick, Co. Kilkenny

Title

Lightning Mast Details

Drawing Number

DRMDY-DR-008

Scale

1:100 @ A3

Drumdowney Solar Farm Limited
Commercial House
Millbank Business Park
Lucan
Dublin